

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E70912

Participation : CTR

Employer : Pierce County

Status : Affected

Worksite : Pierce Co 901, 930 & 955 Tacoma Ave. S,
615 9th St.

Survey Type : Online

Street : 901 Tacoma Ave S

Response Rate : 67%

Jurisdiction : City of Tacoma

Survey Date : 4/30/2018

Non-Drive Alone & One-Way VMT Rates at this Worksite

Non-Drive Alone Rate : 17.2%

Drive Alone Rate : 82.8%

One-Way VMT per employee : 13.1

Average One-Way distance home to work : 14.8

Employees and Survey Response Information

Reported Total Employees at Worksite: 624

Surveys Distributed : 624

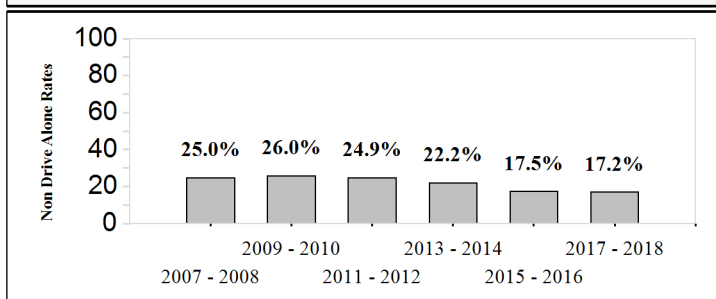
Surveys Returned : 418

Surveys Returned by CTR Affected* Employees : 409

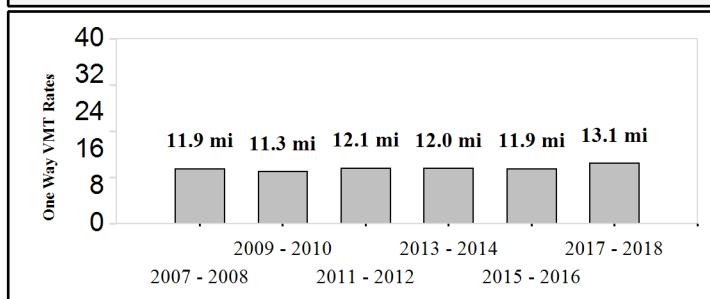
Total Estimated CTR Affected Employees at Worksite : 611

*CTR Affected employees filled out the survey as being full-time and commuting (typically) to work at least twice between 6a and 9a, Monday through Friday.

Non Drive Alone Rates - ALL Employees



One Way VMT per Employee - ALL Employees



Site History and Targets

Annual Metric Tons CO2e Pounds CO2e

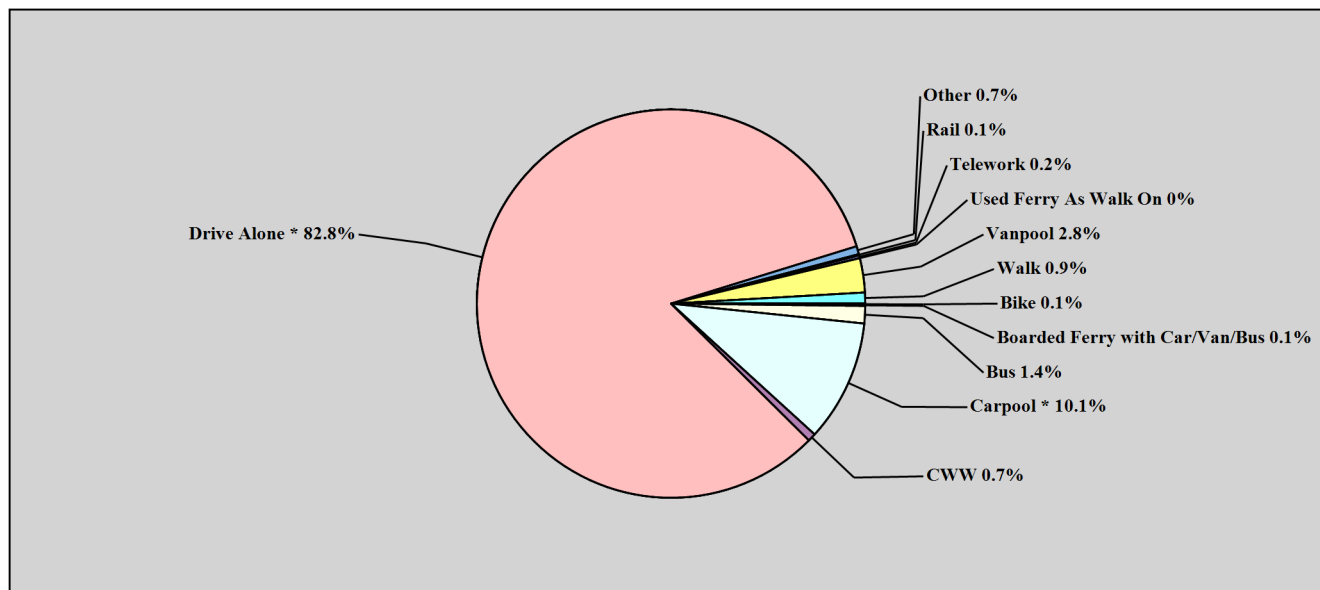
Cycle	Non Drive Alone Rate - All	Non Drive Alone Rate - CTR Affected	Emissions for Surveyed Employees	Estimated Emissions for Total Employment	GHG per Employee's Roundtrip	VMT per Employee - All	VMT per Employee - CTR Affected
2007 - 2008	25.0%	23.3%	2044	3216	45.4	11.9	11.7
2009 - 2010	26.0%	25.9%	1985	3019	42.7	11.3	11.1
2011 - 2012	24.9%	24.0%	1895	2789	39.4	12.1	11.5
2013 - 2014	22.2%	22.3%	1448	2963	41.9	12.0	12.0
2015 - 2016	17.5%	17.5%	1189	2943	41.6	11.9	11.8
2017 - 2018	17.2%	17.5%	1206	1801	25.4	13.1	13.1
Target	31.0%				Target:	9.8	
% Point Change Target:	6.0				% Change Target:	-18.0%	
% Point Change from Baseline:	-7.8				% Change from Baseline:	10.1%	

GHG calculations are based on VMT and estimated total round-trip commutes for all employees. Modes that contribute to GHG include driving alone, carpooling, vanpooling, and riding a motorcycle. The use of other modes (e.g., transit, rail, walking, ferry) do not increase a worksite's GHG calculation. For more information about how GHG is calculated, please contact your jurisdiction's representative.

Commute Trips By Mode - All Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



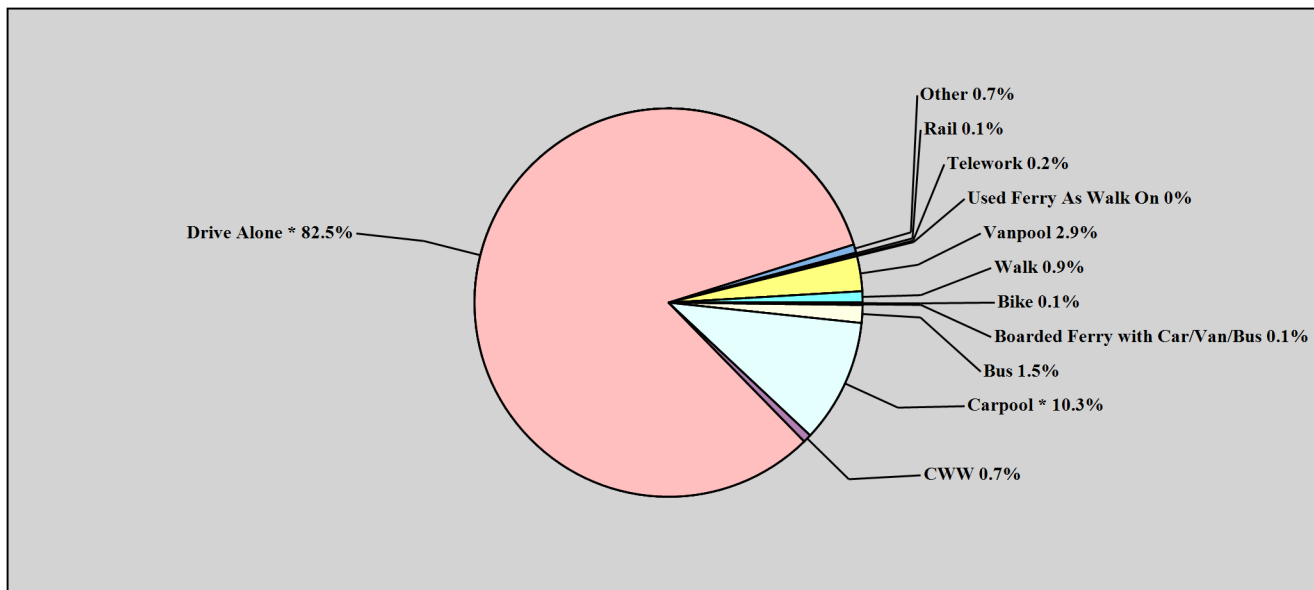
Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,717	82.8%	82.5%	369	88.3%	88.4%
Carpool *	210	10.1%	9.0%	56	13.4%	11.8%
Vanpool	59	2.8%	2.4%	14	3.3%	3.0%
Bus	30	1.4%	2.9%	9	2.2%	4.3%
Rail	2	0.1%	0.0%	2	0.5%	0.0%
Bike	2	0.1%	0.5%	1	0.2%	1.0%
Walk	19	0.9%	1.2%	6	1.4%	1.8%
Telework	5	0.2%	0.0%	4	1.0%	0.2%
CWW	14	0.7%	0.8%	13	3.1%	3.2%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	0.7%	0.5%	4	1.0%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Commute Trips By Mode - Affected Employees

Q.4: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - CTR Affected Employees



Mode	Trips During This Survey	% of Trips During This Survey	% of Trips During Previous Survey	Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During This Survey	% of Employees Who Used This Mode at Least Once During Previous Survey
Drive Alone *	1,672	82.5%	82.5%	360	88.0%	88.4%
Carpool *	209	10.3%	9.0%	55	13.4%	11.8%
Vanpool	59	2.9%	2.4%	14	3.4%	2.9%
Bus	30	1.5%	2.9%	9	2.2%	4.2%
Rail	2	0.1%	0.0%	2	0.5%	0.0%
Bike	2	0.1%	0.6%	1	0.2%	1.1%
Walk	19	0.9%	1.3%	6	1.5%	1.9%
Telework	4	0.2%	0.0%	3	0.7%	0.2%
CWW	14	0.7%	0.8%	13	3.2%	3.2%
Boarded Ferry with Car/Van/Bus	2	0.1%	0.0%	1	0.2%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	0.7%	0.5%	4	1.0%	0.8%

* Motorcycle-1 is now included in Drive Alone and Motorcycle-2 is included in Carpool. Information about these trips is still available by request.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	316	76%	418	100%
1 Days	22	5%	102	24%
2 Days	12	3%	80	19%
3 Days	12	3%	68	16%
4 Days	10	2%	56	13%
5 Days	42	10%	46	11%
6 or More Days	4	1%	4	1%

Count by Occupancy of Carpools and Vanpools

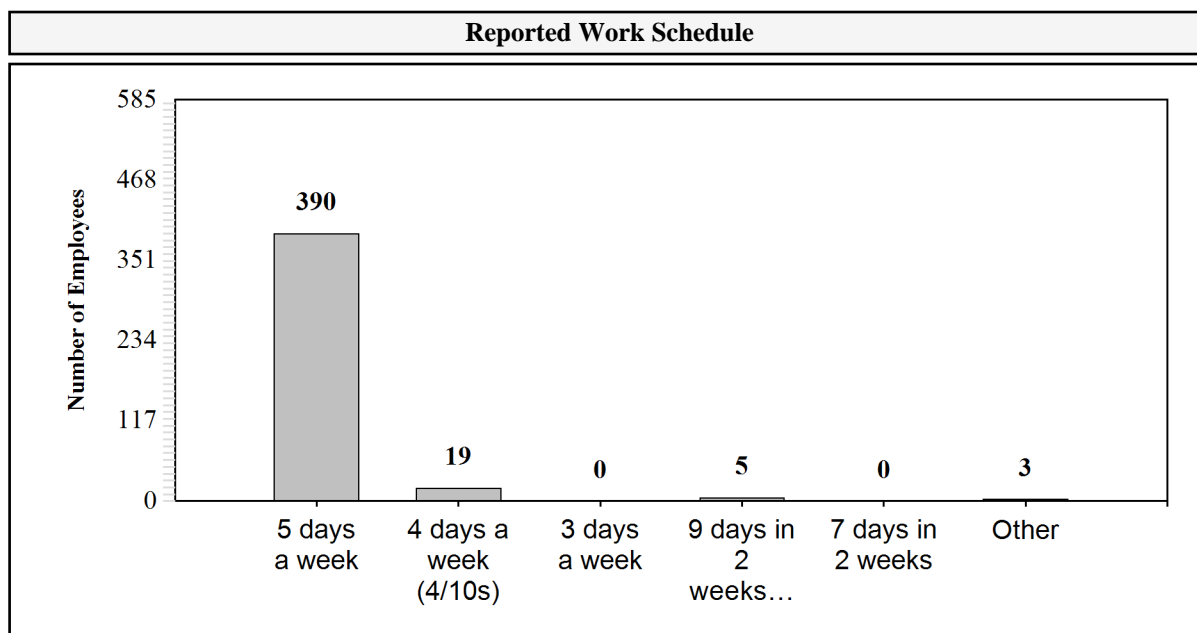
Q.5 If you used a carpool or vanpool as part of your commute, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
2*	Carpool	198
3	Carpool	8
4	Carpool	0
5	Carpool	4
>5	Carpool	0
<5	Vanpool	25
5	Vanpool	9
6	Vanpool	10
7	Vanpool	10
8	Vanpool	0
9	Vanpool	5
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
>14	Vanpool	0

* Motorcycle-2 counted with Carpool-2 for this table.

Reported Work Schedule - All Employees

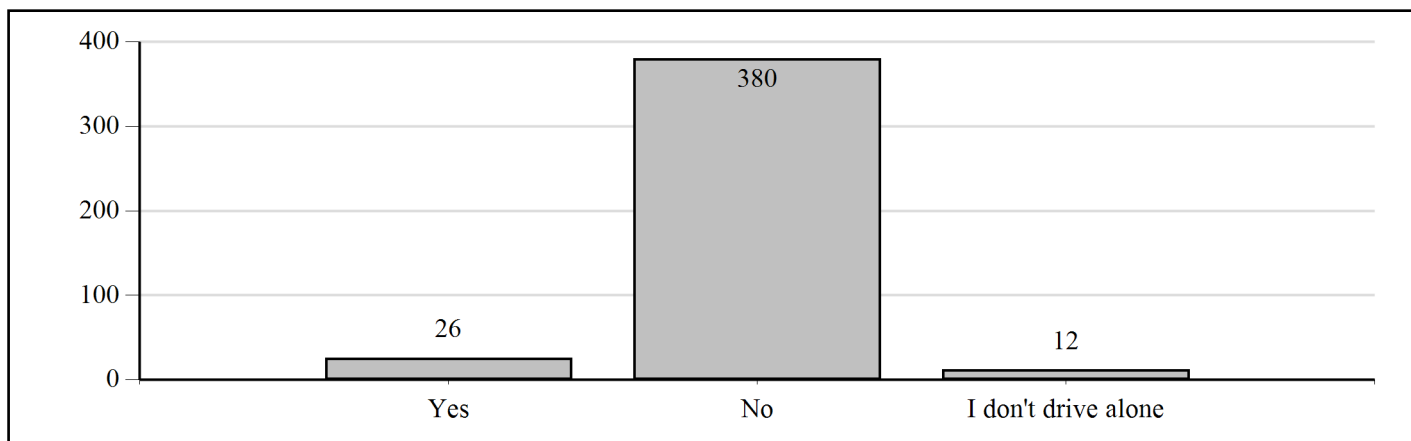
Q.8 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	390	93.5%
4 days a week (4/10s)	19	4.6%
3 days a week	0	0%
9 days in 2 weeks (9/80)	5	1.2%
7 days in 2 weeks	0	0%
Other	3	0.7%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.5%
I don't telework	386	92.3%
Occasionally, on an as-needed basis	19	4.5%
1-2 days/month	3	0.7%
1 day/week	5	1.2%
2 days/week	1	0.2%
3 days/week	2	0.5%

Reasons for driving alone to work/not driving alone to work
Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	121	19.4%
Other	87	13.9%
Free or subsidized bus, train, vanpool pass or fare benefit	63	10.1%
Personal health or well-being	60	9.6%
Environmental and community benefits	60	9.6%
Cost of parking or lack of parking	53	8.5%
Financial incentives for carpooling, bicycling or walking.	41	6.6%
Preferred/reserved carpool/vanpool parking is provided	36	5.8%
Driving myself is not an option	34	5.4%
Emergency ride home is provided	30	4.8%
I have the option of teleworking	20	3.2%
To save time using the HOV lane	15	2.4%
I receive a financial incentive for giving up my parking space	4	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	264	27.2%
Riding the bus or train is inconvenient or takes too long	238	24.5%
Family care or similar obligations	171	17.6%
Other	101	10.4%
My commute distance is too short	82	8.4%
Bicycling or walking isn't safe	51	5.2%
My job requires me to use my car for work	50	5.1%
I need more information on alternative modes	13	1.3%
There isn't any secure or covered bicycle parking	2	0.2%

Commute Mode By ZipCode for All Employees

Q6. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98407	25	5.98%	115	15	0	0	0	0	0	0	0	0	0	0	0
98466	25	5.98%	104	13	0	0	0	0	0	0	0	0	0	0	7
98387	21	5.02%	87	11	5	0	0	0	0	0	0	0	0	0	0
98406	19	4.55%	87	1	0	0	8	0	2	1	0	0	0	0	0
98335	18	4.31%	64	10	5	0	0	1	0	0	0	0	0	0	0
98467	16	3.83%	54	17	0	0	2	0	0	0	0	0	0	0	2
98405	15	3.59%	37	19	0	4	2	0	0	12	0	1	0	0	0
98374	14	3.35%	59	3	5	0	0	0	0	0	2	3	0	0	0
98445	14	3.35%	48	16	0	0	0	0	0	0	1	1	0	0	5
98498	13	3.11%	66	0	0	0	0	0	0	0	0	0	0	0	0
98373	12	2.87%	54	6	0	0	0	0	0	0	0	1	0	0	0
98409	11	2.63%	46	10	0	0	0	0	0	0	0	0	0	0	0
98338	10	2.39%	44	0	3	0	0	0	0	0	0	0	0	0	0
98391	10	2.39%	42	0	10	0	0	0	0	0	0	0	0	0	0
98422	10	2.39%	42	5	0	0	0	0	0	0	0	0	0	0	0
98372	9	2.15%	44	0	0	0	0	0	0	0	0	0	0	0	0
98375	9	2.15%	44	0	0	0	0	0	0	0	0	0	0	0	0
98444	9	2.15%	42	2	0	0	0	0	0	0	0	1	0	0	0
98332	8	1.91%	37	0	0	0	0	0	0	1	1	1	0	0	0
98371	8	1.91%	31	7	0	0	0	0	0	0	0	0	0	0	0
98403	7	1.67%	29	0	0	0	0	0	0	5	0	0	0	0	0
98446	7	1.67%	37	0	0	0	0	0	0	0	0	0	0	0	0
98465	7	1.67%	29	3	0	3	0	0	0	0	0	0	0	0	0
98023	6	1.44%	20	11	0	0	0	0	0	0	0	0	0	0	0
98580	6	1.44%	20	12	0	0	0	0	0	0	0	0	0	0	0
98367	5	1.20%	13	0	5	0	2	0	0	0	0	0	2	0	0



Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98499	5	1.20%	20	0	0	0	0	0	0	0	0	0	0	0	0
98032	4	0.96%	19	0	0	0	0	0	0	0	0	0	0	0	0
98402	4	0.96%	20	0	0	0	0	0	0	0	0	0	0	0	0
98404	4	0.96%	19	5	0	0	0	0	0	0	0	0	0	0	0
98408	4	0.96%	15	0	0	0	0	0	0	0	0	0	0	0	0
98503	4	0.96%	12	3	5	0	0	0	0	0	0	0	0	0	0
98003	3	0.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98327	3	0.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98328	3	0.72%	14	0	0	0	0	0	0	0	0	1	0	0	0
98329	3	0.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98390	3	0.72%	10	0	5	0	0	0	0	0	0	0	0	0	0
98418	3	0.72%	7	5	0	0	5	0	0	0	0	0	0	0	0
98443	3	0.72%	15	0	0	0	0	0	0	0	0	0	0	0	0
98501	3	0.72%	7	7	0	0	0	0	0	0	1	0	0	0	0
98513	3	0.72%	11	0	0	0	0	0	0	0	0	0	0	0	0
98516	3	0.72%	12	0	0	0	0	0	0	0	0	1	0	0	0
	2	0.48%	0	5	5	0	0	0	0	0	0	0	0	0	0
98022	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98042	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98136	2	0.48%	5	6	0	0	0	0	0	0	0	0	0	0	0
98333	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98354	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
98360	2	0.48%	11	0	0	0	0	0	0	0	0	1	0	0	0
98502	2	0.48%	3	2	4	0	0	0	0	0	0	1	0	0	0
98506	2	0.48%	10	0	0	0	0	0	0	0	0	0	0	0	0
09387	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98027	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98029	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0



			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98031	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.24%	2	3	0	0	0	0	0	0	0	0	0	0	0
98058	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98059	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98092	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98107	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98108	1	0.24%	0	5	0	0	0	0	0	0	0	0	0	0	0
98121	1	0.24%	2	0	0	0	2	1	0	0	0	0	0	0	0
98122	1	0.24%	0	0	0	0	5	0	0	0	0	2	0	0	0
98125	1	0.24%	1	1	0	0	4	0	0	0	0	0	0	0	0
98133	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98303	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98310	1	0.24%	3	0	2	0	0	0	0	0	0	0	0	0	0
98321	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98385	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98388	1	0.24%	3	0	0	2	0	0	0	0	0	0	0	0	0
98424	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98433	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98448	1	0.24%	1	4	0	0	0	0	0	0	0	0	0	0	0
98507	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98512	1	0.24%	2	3	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.24%	0	0	5	0	0	0	0	0	0	0	0	0	0
98564	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98592	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98597	1	0.24%	5	0	0	0	0	0	0	0	0	0	0	0	0
98737	1	0.24%	4	0	0	0	0	0	0	0	0	0	0	0	0